

Leading the Launch



IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

*Delivering a payload of
responsive technologies*



Technology Deployment



HOME OF SCIENCE AND ENGINEERING SOLUTIONS



ANDROS Robot

Problem

INEEL's Power Burst Facility/Auxiliary Reactor Area Remediation project needed to deploy a detector in a confined space.

Baseline Technology

Worker entry into an excavated trench.

Innovative Technology

The INEEL-modified ANDROS MARK VI is a remote-controlled robotic platform.

Comparison

This robot delivered the Surveillance and Measurement System detector into an excavated trench rather than having a worker enter a confined space.

Benefits

This robot enabled the project to deploy the detector without exposing workers to physical hazards and suspected radioactive contamination.